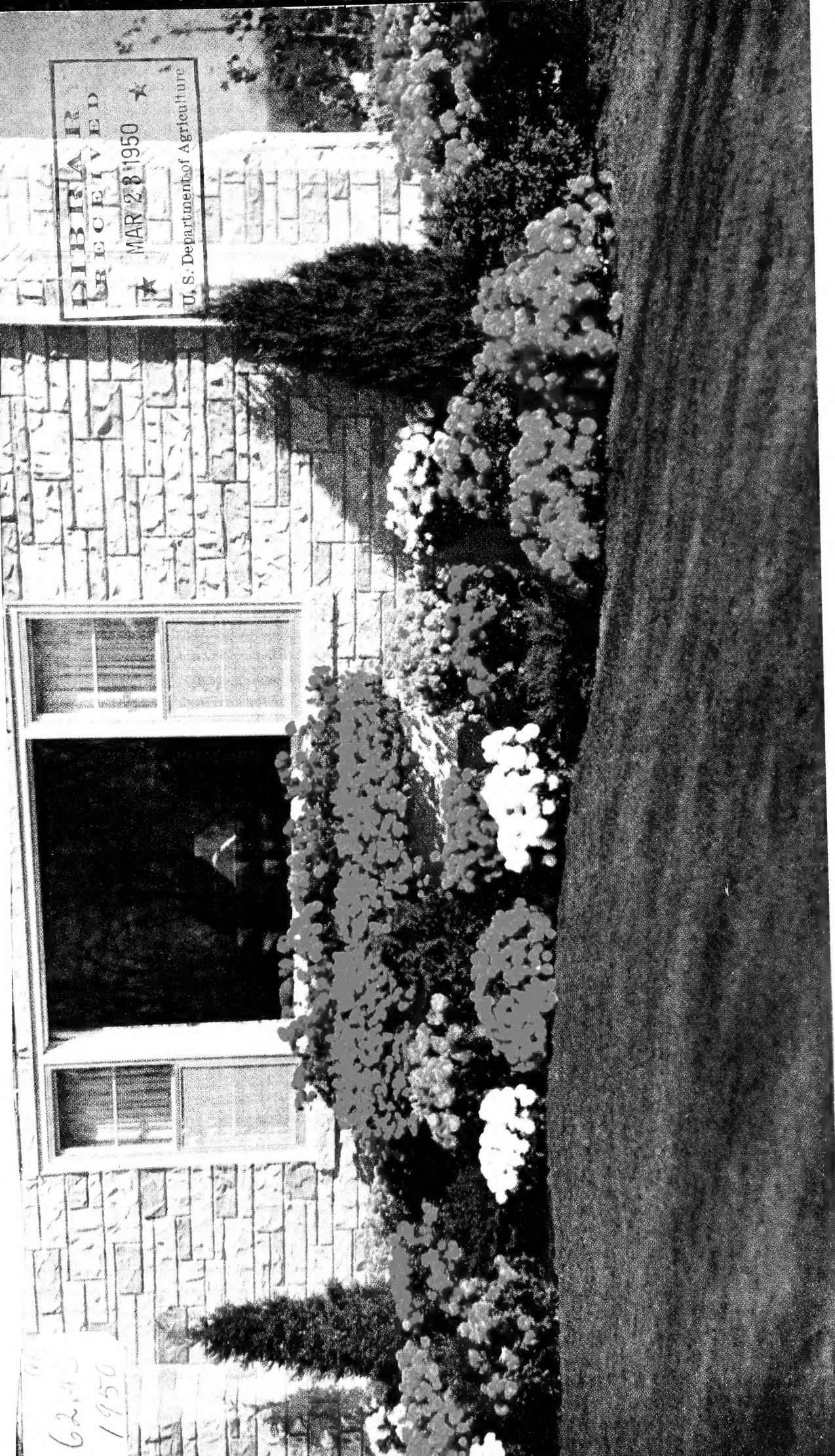


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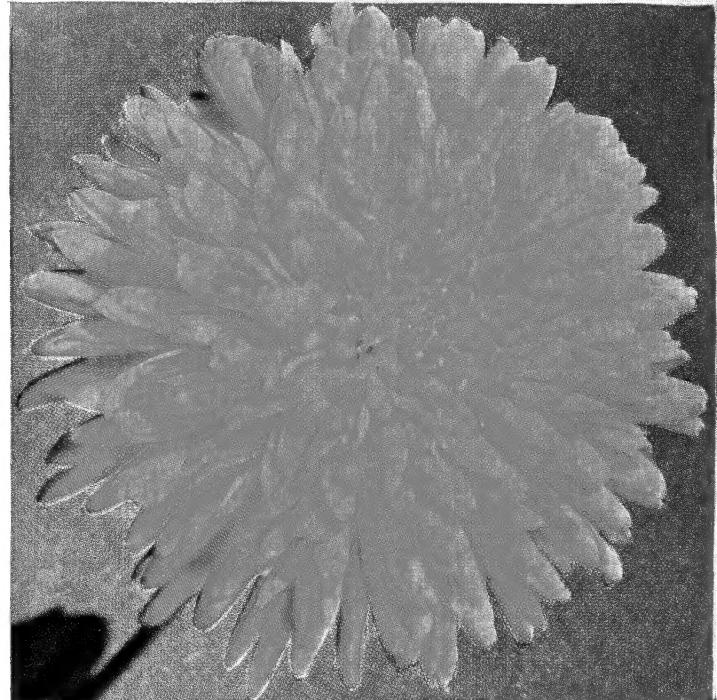
6245
1950

Mums from Minnesota

THE LEHMAN GARDENS
Hardy Chrysanthemum Specialists

FARIBAULT, MINNESOTA

INTRODUCING THE NEW 1950 MODELS OF THE *Grand Champions*



RUTHANN LEHMAN. 75c each; 3 for \$2.00

3 Sister COLLECTION
Our 3 Top Selections for 1950
3 SURE-TO-BLOOM PLANTS . . . \$1.90
1 of each pictured
9 PLANTS (3 OF EACH) \$5.50



PATRICIA LEHMAN. 75c each; 3 for \$2.00

Again we are proud to introduce to American gardens these new Mums for 1950. They have been given a rigid test and have proved themselves adaptable and superior. If you want the best, we recommend that you try them.

CECILIA (Kraus 33). Excellent mound-like plants smothered with incurved peony-purple flowers over a long period. Sept. 24. 75c each; 3 for \$2.00.

FAIRBOW (Kraus 307). An exceptionally hardy lavender-pink pompon. Fine plant, very free blooming. Sept. 20. 75c each; 3 for \$2.00.

GLADNESS (Kraus 1092). Dwarf; very early. Double China-rose of excellent substance and color. Aug. 28. 60c each; 3 for \$1.50.

KATHLEEN LEHMAN (Kraus 636). Glowing orange-bronze deepening to red-gold at center. One of the finest new things in years. Sept. 28. 75c each; 3 for \$2.00.

LORENZO (Kraus 672). Flaming Dianthus-purple with quilled petals. Sept. 15. 75c each; 3 for \$2.00.

PATRICIA LEHMAN (Kraus 627). Luminous geranium-pink with peach center. Petals broad, overlapping, recurved and crinkled, giving a light fluffy effect. Very good! Sept. 28. 75c each; 3 for \$2.00.

REDGLOW (Kraus 464). Bright glowing dark red pompon. Plant strong and upright. Fine for cutting. A prominent specimen plant. Sept. 20. 75c each; 3 for \$2.00.

REMEMBRANCE (Kraus 351). Non-fading rich ruby-carmine of outstanding brilliance. Flower frost resistant and excellent for cutting. One of the best new things. Sept. 27. 75c each; 3 for \$2.00.

RUTHANN LEHMAN (Kraus 357). Large, fully double flowers of pleasing canary-yellow, abundantly produced on sturdy plants. Texture of flowers extremely heavy and long lasting. Sept. 12. 75c each; 3 for \$2.00.

SHALIMAR (Kraus 483). Large, heavy-textured ball-shaped cream-white with sulphur-yellow center. Sept. 24. 75c each; 3 for \$2.00.

SHOOTING STAR (Kraus 343). Pinkish mallow-purple flowers with quilled petals. Extremely free flowering and pleasing in the garden. Sept. 18. 75c each; 3 for \$2.00.

WHITE BOUNTY (Kraus 257). Compact, white button pompon with sulphur center. One-inch flowers abundantly produced on good cutting stems. Very hardy. Sept. 16. 60c each; 3 for \$1.50.



KATHLEEN LEHMAN. 75c each; 3 for \$2.00

Mums from Minnesota

The Hardy Mum Headquarters of the Nation

Because our production of Hardy Mums has exceeded the half-million mark annually, we have applied assembly-line and mass-production methods to our growing, with highly skilled help doing the job. Thereby we are able to offer you our BETTER-GROWN and SURE-TO-BLOOM plants at greatly reduced prices.

We do not dabble with many kinds of plants; WE SPECIALIZE. We grow one big crop and grow it well. Our experience has enabled

us to set up an ultra-modern Mum-growing establishment producing SURE-TO-BLOOM Hardy Mums that cannot be equaled.

Every plant we send out is absolutely guaranteed to be true to name, SURE TO BLOOM and free of disease and insects. All blooming dates, descriptions, and growth data are from actual observations in our own fields in southern Minnesota.

Plants will be ready and available from February 15 to June 15.

Comm., Commercial; D., Double; SD., Semi-double; S., Single

Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3
Alabaster. D. (English.) Excellent 5-inch incurved white.....	30	Sept. 30	\$0.50	\$1.25	Butterball. D. (Longley.) The best early butter-yellow. Somewhat bronze in cool weather.....	14	Aug. 18	\$0.40	\$1.00
Alert. D. (Becker.) Exceptionally fine. Large, early, dark purple. One of the very best things of recent years.....	22	Sept. 20	.75	2.00	Canary. D. Compact mound of large, very light yellow flowers.....	18	Sept. 15	.60	1.60
Allegro. D. (De Petris.) Pictured p. 8. Glowing shrimp-pink with coppery salmon sheen.....	22	Oct. 7	.50	1.25	Canary Spoon. D. (Lehman.) Pictured p. 16. Excellent full flower with both tubes and spoons of bright yellow.....	24	Oct. 1	.75	2.00
Amber Glow. D. (Youdath.) Brilliant rosy bronze, brighter than Mrs. du Pont.	24	Oct. 6	.40	1.00	Candlelight. D. (Kraus.) Pictured p. 11. Well-formed flowers of ivory-white. Excellent plant and foliage habits.....	20	Aug. 26	.50	1.25
Ambrosia. D. (De Petris.) A blended peach-shrimp with undertone of rose and golden bronze. Very early.....	18	Sept. 6	.50	1.25	Cardinal Spoon. S. (Lehman.) Pictured p. 16. An outstandingly different cardinal-red with straw-yellow tubes.....	24	Sept. 28	.60	1.50
Apricot Glow. D. (Cumming.) Pictured p. 7. Rich bright apricot-orange. A summer-flowering cushion type.....	17	Sept. 19	.50	1.25	Carnival. D. (Bristol.) Pictured p. 9. A large, gleaming burnt-orange flower on an excellent plant with lusty green foliage.	30	Oct. 10	.60	1.50
Apricot Spoon. S. (Lehman.) A pleasantly different frost-resistant spoon with tubes of apricot-bronze and spoons of apricot-rose.....	26	Oct. 14	.60	1.50	Cecelia. D. (Kraus.) New 1950! Soft deep peony-purple. Petals incurved slightly, but recurved on mature flowers. Excellent habit. Outstanding for medium high border.....	18	Sept. 24	.75	2.00
Argonne. D. (De Petris.) Pictured p. 8. A full, rounded button pompon of rich amaranth-purple.....	22	Oct. 5	.50	1.25	Challenger. D. (English.) Large, bright bronze-red.....	24	Oct. 2	.50	1.25
Autumn Greetings. SD. (Kraus.) Pictured p. 23. Bright copper and gold. Excellent for mass planting.....	22	Sept. 14	.50	1.25	Charles Nye. D. (Kraus.) Pictured p. 8, 9. Large, 3-inch, fully double, rounded flowers of buttercup-yellow.....	28	Sept. 24	.50	1.25
Autumnsong. D. (Kraus.) Pictured p. 11. Large wine-rose shading to carmine. Entirely new color in Mums.....	20	Sept. 12	.50	1.25	Charm Spoon. S. (Lehman.) Pictured p. 16. Opens lovely rhodonite-red and fades gradually to rich rusty rose. Excellent growth habits. Very free flowering.....	26	Sept. 28	.50	1.25
Autumntide. D. A beautiful blending of salmon-coral with a golden undertone.	22	Sept. 14	.40	1.00	Chicago. SD. (Kraus.) Rich, deep, glowing carmine with orange reverse, turning to scarlet toward the base. A small, clear yellow center enhances the brilliance.....	24	Oct. 6	.60	1.50
Avalanche. D. (Dreer.) Pictured p. 9, 15. The world's best large creamy white. Everyone's favorite. Top-notch for cutting.....	20	Sept. 4	.50	1.25	China Gold. D. (English.) Bright pure gold with quilled petals.....	36	Oct. 12	.50	1.25
Barcarole. D. (Comm.) Splendid golden yellow pompon.....	30	Nov. 5	.50	1.25	Chippewa. D. (Longley.) Pictured p. 14. Gorgeous, bright aster-purple, slightly incurved. Does especially well in the North.....	24	Sept. 4	.50	1.25
Beacon. D. Pictured p. 10. Full double, 4-inch flower of coral-apricot shading to flaming nasturtium-orange at center. Tall, sturdy plant for cutting.....	30	Oct. 15	.60	1.50	Chiquita. D. (Kraus.) Pictured p. 17. A compact, dome-shaped pompon of deep lemon-yellow. One of the finest yellow pompons.....	20	Sept. 28	.50	1.25
Betty. SD. (C-P.) Pictured p. 15. Splendid upright rose-pink without a trace of magenta. One of the finest new pinks.	28	Sept. 28	.50	1.25	Chris Columbus. D. (Rosebud.) A most outstanding ivory-white. A luxuriant grower, excellent for cutting.....	26	Sept. 28	.50	1.25
Bokhara. D. (Cumming.) Pictured p. 8. Captivating soft crimson and wine flowers in profusion. Strong, sturdy growth.	22	Oct. 10	.50	1.25	Classic Spoon. S. (Lehman.) Large, heavy-textured flower of rosy phlox-purple, with silvery tubes.....	18	Sept. 26	.60	1.50
Bridesmaid. D. (English.) Large, delicate cream suffused with flesh-pink and salmon.....	28	Oct. 10	.60	1.50	Congo. D. (De Petris.) An appealing, fully double, coppery red-bronze flower. Very early.....	22	Sept. 10	.50	1.25
Bronze Precoce. D. (English.) A lovely, very large bronze. Summer-blooming....	22	Sept. 5	.60	1.50	Coppelia. D. (English.) Heavy-textured, bright Indian-red. Strong grower.....	36	Sept. 26	.50	1.25
Bronze Pyramid. D. Pictured p. 12. Large orange-bronze flowers on wiry stems. An excellent cut-flower variety.....	31	Oct. 15	.75	2.00	Courageous. D. (Kraus.) Pictured p. 11. Shining dark ruby-red, large double flowers. A truly magnificent plant.....	24	Sept. 26	.50	1.25
Burgundy. D. (Cumming.) Pictured p. 10. Glowing wine-red, perfect flowers on a beautiful, strong-stemmed plant.....	30	Sept. 19	.40	1.00	Glistening bronze with soft orange tints.	24	Sept. 26	.60	1.50
Burma. D. (Cumming.) Pictured p. 8.	24	Sept. 26	.60	1.50					

Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3
Cydonia. D. Pictured p. 11. Brilliant orange-chestnut overlaid with mahogany. Everyone likes it.....	30	Oct. 8	\$0.50	\$1.25	Glowing Coals. D. (Kraus.) Pictured p. 14. Bright deep cherry-red with orange reverse. Well-branched sprays. One of the best early reds.....	24	Sept. 24	\$0.50	\$1.25
Dahliamum. D. Pictured p. 7. Quilled petals like a cactus dahlia, of bright wine-red.....	22	Sept. 10	.40	1.00	Gold. D. (Rosebud.) Large, very double flower of golden bronze. Excellent for cutting.....	22	Oct. 1	.50	1.25
Dainty. D. (Lehman.) New 1950! A very beautiful blend of light lavender-lilac aging to soft white with a silvery cast. Early, free flowering.....	16	Sept. 10	.60	1.50	Golden Hours. D. (Kraus.) Pictured p. 15, 24. Early, double, deep lemon-chrome. Petals broad, overlapping and somewhat incurved. Most outstanding very early cut flower.....	26	Sept. 8	.60	1.50
Dawnrose. D. (Kraus.) Pictured p. 15. Grenadine-pink to bittersweet-pink, lightening to clear bright flesh color at margin. Exceptionally colorful.....	24	Oct. 5	.75	2.00	Golden Mound. D. (Lehman.) New 1950! Excellent golden yellow cushion. Many 2-inch flowers on short, dark green, twiggly branches. Makes a fine early pot of gold.....	18	Sept. 12	.60	1.50
Dean Kay. SD. (Mosnat.) Large cushion type of gentle rose-pink.....	22	Sept. 10	.40	1.00	Golden Rose. D. (Rosebud.) Old-rose with golden overtone.....	22	Oct. 4	.50	1.25
Dee Dee Ahrens. D. (Longley.) The very earliest of all pure white cut-flower varieties.....	20	Aug. 20	.40	1.00	Golden Sunset. D. (Kraus.) Immense, burnished copper with ruby center. One of the largest and most showy of the recent introductions.....	22	Sept. 26	.60	1.50
Defiance. D. (Kraus.) A bold flower of intense golden yellow with twilled petals. Exceptionally firm substance. Strong, upright plant with excellent cutting stems.....	26	Sept. 17	.60	1.50	Gold Lode. D. (Comm.) Large, reflexed flowers of light golden yellow. Disbud for larger blooms.....	40	Oct. 1	.50	1.25
Drifted Snow. D. (Kraus.) Pictured p. 12. A mound of large, fully double, snow-white flowers, shaded yellow at center.....	24	Sept. 16	.50	1.25	Harbinger. D. (Kraus.) Pictured p. 11. A glorious early bronze with coloring of fall maples. Very good cut flower.....	22	Aug. 22	.40	1.00
Dr. L. E. Longley. D. (U. of Minn.) New 1949! New Longley origination. Fully double, bright rose-pink.....	24	Sept. 10	1.00	2.50	Harbor Lights. D. (Cumming.) Pictured p. 17. Pale yellow with cream-white tints. Extra fine.....	22	Sept. 24	.50	1.25
Early Gold. D. (Lehman.) New 1950! Very early! Bright golden yellow pompon with contrasting dark green foliage. Excellent for pots and borders.....	18	Sept. 4	.60	1.50	Hazelwood. D. (Kraus.) Soft light Corinthian-red shading to delicate dark rosy bronze. A heavy-blooming cut-flower variety. Fine plant.....	30	Oct. 5	.75	2.00
Early Harvest. D. (Kraus.) Pictured p. 24. A mass of charming mahogany-orange flowers for two months. Superior to all popular cushion varieties.....	16	Sept. 7	.50	1.25	Hearthfire. D. (Kraus.) Pictured p. 13. Bright red flowers showing a small yellow center when fully open. Ideal for cutting.....	25	Sept. 20	.50	1.25
Early Wonder. D. Pictured p. 17. Large, soft pink pompon. Excellent for cutting.....	38	Sept. 30	.50	1.25	Heatherbloom. D. (Kraus.) Pictured p. 24. Very double; heather-pink, center shaded rose-red with gold tipping.....	20	Sept. 22	.40	1.00
Echoes. SD. (Kraus.) Rich Vandyke-brown toned copper, becoming orange at center.....	22	Oct. 1	.50	1.25	Hero. D. (Kraus.) Gleaming bright scarlet-red to spectrum-red with yellow-bronze reverse. Very free flowering. Very bright.....	24	Oct. 1	.60	1.50
Eggshell. D. (Youdath.) Large, eggshell-white, slightly deeper at center. Flowers 3 to 4 inches across. Excellent for cutting.....	30	Sept. 26	.50	1.25	Hilda H. Bergen. D. (Comm.) Pictured p. 18. Large incurved, dark reddish bronze.....	40	Oct. 25	.50	1.25
Empress. D. (Wayside.) New 1948! A new soft Empire-rose turning to apple-blossom-pink, with a faint lavender glow. Extra-large flowers on a dwarf plant.....	16	Sept. 19	.60	1.50	Illuminator. D. (Kraus.) Very dark, brilliant crimson-red pompon. Excellent in the garden and for cutting.....	22	Sept. 25	.60	1.50
Ermine. D. (Kraus.) Pictured p. 8. Fully double, wide-petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut.....	30	Oct. 1	.60	1.50	Inspiration. D. (Kraus.) Pictured p. 23. Large, rich orange-red overlaid with apricot-orange. Bush unusually strong, sturdy and upright. Fine for cutting. Buds and flowers frost hardy.....	30	Oct. 1	.60	1.50
Eugene A. Wander. D. (Cumming.) Pictured p. 7. The largest and finest early bright yellow. Blooms 4 inches across....	18	Aug. 25	.50	1.25	Ivory Spoon. D. (Lehman.) Pictured p. 16. Dainty ivory-white, spoon-shaped flowers in profusion. Far exceeds the old white spoon.....	20	Oct. 5	.50	1.25
Fairbow. D. (Kraus.) New 1950! Heavy-blooming lavender-pink pompon. Splendid upright growth makes it a good cut flower.....	24	Sept. 20	.75	2.00	Joan Helen. SD. (Heuser.) Sparkling garnet-lake shading to purple; bright yellow center. An excellent plant for borders.....	18	Sept. 10	.40	1.00
Fiesta. D. (De Petris.) Pictured p. 8. Large, fully rounded pompon of brilliant orange-rust. A well-formed plant.....	26	Oct. 1	.60	1.50	Kathleen Lehman. D. (Kraus.) New 1950! Pictured p. 2. Brightest orange-gold, deepening to red-gold at center. One of the very best new things.....	28	Sept. 28	.75	2.00
Fuchsia Spoon. S. (Lehman.) A bold, 3½-inch spoon of sparkling fuchsia-rose. A sturdy, free-flowering plant.....	24	Oct. 2	.60	1.50	Lavender Lady. D. (Cumming.) Pictured p. 10. Immense silvery lavender.....	30	Oct. 6	.50	1.25
Generalissimo. D. (Wayside.) New 1948! A very rugged, fully double flower of soft magnolia-purple. Good early.....	19	Sept. 10	.60	1.50	Lavender Lassie. D. (Cumming.) Pictured p. 7. A grand pompon with cushion-like growth. Color even better than Lavender Lady.....	22	Sept. 10	.50	1.25
Glacier. D. (Longley.) Pictured p. 24. Dwarf, very early, absolutely pure white. Fine for bordering.....	16	Aug. 26	.50	1.25	Leda. D. (English.) Beautiful rolled petals of heliotrope-pink.....	30	Oct. 2	.50	1.25
Gladness. D. (Kraus.) New 1950! Fully double, clear China-rose. Dwarf, very free-flowering plant. One of the first to bloom. Very winter hardy.....	18	Aug. 28	.60	1.50	Lilac Spoon. S. (Lehman.) Large, wide-petaled flowers of lilac-pink with silvery white tubes. A superb spoon.....	24	Oct. 1	.60	1.50

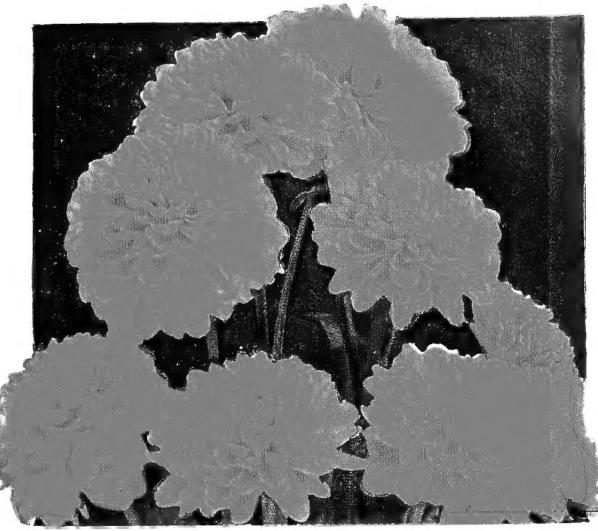
Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3
Little Eskimo. D. Pure white, ball-shaped pompons in abundance. Good white companion for Lavender Lassie.....	18	Sept. 7	\$0.40	\$1.00	Norma. SD. (Comm.) Pictured p. 18. Anemone-flowered deep lavender with gold crested center.....	30	Nov. 15	\$0.60	\$1.50
Lorenzo. D. (Kraus.) New 1950! A rich, flaming, dark Dianthus-purple. Quilled petals give cactus dahlia appearance.....	26	Sept. 15	.75	2.00	North Cape. S. Beautiful chamois-yellow. Foliage completely covered by an avalanche of light yellow daisies.....	18	Oct. 7	.50	1.25
Loveliness Spoon. S. (Lehman.) Pictured p. 14. A grand fully double, carmine-pink spoon. Nothing like it. Outstanding.....	20	Oct. 1	.60	1.50	Nye's Favorite. D. Masses of lavender-pink flowers with golden shadings.....	24	Sept. 12	.50	1.25
Magenta Spoon. D. (Lehman.) Pictured p. 16. Lively magenta-rose, spoon-type flowers in profusion. The peak of perfection in spoon Mums.....	22	Oct. 1	.60	1.50	Olive Longland. D. (Kraus.) Pictured p. 9. Three-inch apricot-toned salmon-pink. The best of the pastel colors.....	24	Sept. 26	.50	1.25
Magnificent. D. (Kraus.) Glorious 4-inch flowers of plum-red or rosy cardinal, with coppery cast. Strong branches, excellent for cutting.....	26	Oct. 1	.60	1.50	Orange Queen. D. (English.) Large, rich golden yellow with orange cast.....	24	Sept. 28	.50	1.25
Mahogany Cushion. D. (Lehman.) New 1950! Twisted petals of jasper-red shading to mahogany. Far superior to the old cushions.....	20	Sept. 28	.75	2.00	Orchid Helen. D. (Becker.) Pictured p. 7. New 1949! Sturdy, orchid-pink flowers of unusual beauty. One of our best in last year's trials.....	18	Sept. 10	.75	2.00
Major Bowes. D. (Comm.) Pictured p. 18. Large, incurved, deep lavender.....	34	Oct. 20	.50	1.25	Oriental Glory. D. (Rosebud.) Brilliant Oriental-red, large flowers with pointed petals. Good cut flower.....	26	Oct. 3	.50	1.25
Mandalay. D. (Cumming.) Pictured p. 17. Brilliant orange-bronze. Excellent for cutting.....	22	Sept. 22	.50	1.25	Paper White. D. (Lehman.) New 1950! Very pure white flowers on dwarf plants. Wide, flat petals with excellent texture. Very early and exceptionally fine in the North.....	18	Sept. 10	.60	1.50
Maroon 'N' Gold. D. (Longley.) Pictured p. 24. Immense, 4-inch flowers of bright mahogany shaded maroon, underlaid with gold. Very early.....	16	Aug. 26	.50	1.25	Patricia Lehman. D. (Kraus.) Pictured p. 2. New 1950! Sparkling geranium-pink with peach center. Recurved and twisted petals give fluffy, feathery effect. Strong, upright grower for cut flowers.....	24	Sept. 28	.75	2.00
Martin's White. D. (Martin.) Immense, pure white flowers 4 inches across. Compact, bushy growth.....	18	Sept. 15	.50	1.25	Peach Spoon. D. (Lehman.) Large, lively peach-colored spoons with Chinese-yellow tubes aging to pinkish peach. Outstandingly different.....	22	Oct. 8	.75	2.00
Mary Harrison. SD. (Kraus.) Bright, glowing aster-purple, lightening to phlox-purple. Excellent for cutting. Tremendously impressive.....	24	Sept. 26	.60	1.50	Pepita. D. (Kraus.) Pictured p. 17. Densely quilled button pompon of egg-shell-white with darker center when fresh, changing to pure white with cream center.	22	Sept. 28	.50	1.25
Meadow Gold. D. Pictured p. 13. Early; fluffy light yellow. Dwarf cushion type.....	18	Sept. 4	.75	2.00	Pink Daisy. S. (Lehman.) New 1950! Extremely early lavender-pink single. Flowers completely smother the plant. The type of single everyone has been searching for.....	20	Aug. 27	.60	1.50
Meditation. D. (Kraus.) Pictured pp. 13, 15. Large, fully double, firm, two-toned flowers of soft light jasper-red and maize-yellow with orange reverse. Matures to a bright reddish peach. An excellent cut flower.....	28	Oct. 6	.60	1.50	Pink Dot. D. (Comm.) Pictured p. 18. Lavender-pink pompon with deep rose center. Fine grower.....	36	Oct. 25	.50	1.25
Mellow Glow. D. (Cumming.) Pictured p. 10. A lovely blend of orange-buff, peach-pink, and bronze tints. Very good for cutting.....	26	Oct. 5	.60	1.50	Pink Princess. D. (Peck.) Dainty baby-pink button on strong, husky plants.....	22	Sept. 20	.50	1.25
Mrs. H. E. Kidder. D. (Comm.) Pictured p. 18. Incurved flowers 7 inches across, of bright golden yellow. The best of all large yellows.....	48	Oct. 15	.50	1.25	Pink Radiance. D. (Cumming.) Pictured p. 17. Multitudes of highly luminous pink blossoms on rugged plants.....	22	Sept. 24	.50	1.25
Mrs. Pierre S. du Pont III. D. (Cumming.) Pictured p. 11. Peach-pink tinted rosy salmon-bronze. One of the dozen best.....	26	Oct. 5	.50	1.25	Pollyanna. S. (De Petris.) Pictured p. 18. Tall, graceful, flashing Mayflower-pink with rosy salmon sheen.....	30	Oct. 9	.60	1.50
Mrs. T. Riley. D. (English.) The largest English white. A large snow-white bloom..	20	Oct. 6	.60	1.50	Prelude. D. (Kraus.) Pictured p. 12. Very large. Combination of flesh-pink and maize-apricot. Unexcelled for early cutting.....	30	Sept. 9	.60	1.50
Murmurs. D. (Kraus.) Opens amaranth-pink, fading slowly to clear mallow-purple. Petals broad and incurved. Very early.....	22	Sept. 4	.50	1.25	Primula. S. (Kraus.) Graceful, free-flowing, yellow single. The best of the yellow daisy types.....	30	Oct. 10	.40	1.00
My Lady. D. (Mosnat.) A lovely combination of gold with bronze-red shadings. In bloom practically all season.....	16	Aug. 27	.40	1.00	Pygmy Bronze. D. (Lehman.) A dusky bronze bud sport of the dwarf Pygmy Rose, also its contrasting companion.....	10	Sept. 9	.50	1.25
Myrtle Walgreen. D. (Kraus.) Pictured p. 8. The "Mum of the Year in 1949." Rich amaranth-purple, underlaid with silvery lilac, aging to clean, clear mallow-purple. Excels Chippewa. Fine when cut.	20	Sept. 28	.75	2.00	Pygmy Rose. D. (Lehman.) Very dwarf, perky, upright-growing rose pompon. Valuable for pot or border.....	10	Sept. 9	.50	1.25
Nanook. D. (Kraus.) A dwarf, compact mound completely smothered by white flowers with cream centers.....	14	Sept. 14	.50	1.25	Quilled Cushion. D. (Lehman.) New 1950! Opens Oriental-red aging to bright bronze. Its unique twilled petals make it the most outstanding of the cactus dahlia type. Excellent cushion plant.....	20	Sept. 30	.75	2.00
Nokomis. D. (De Petris.) A large, hardy pompon with a full, compact flower of Indian-red fading to bronze.....	26	Sept. 26	.50	1.25	Red Cushion. SD. Brilliant red with a bright yellow center.....	18	Sept. 30	.40	1.00
					Red Elf. SD. (Lehman.) New 1950! Dwarf, clean, bright red pompons on tiny plants not over 12 inches tall.....	12	Sept. 9	.60	1.50
					Redglow. D. (Kraus.) New 1950! Dark glowing red pompon flowers in abundance. Courageous type plant. Excellent habits..	30	Sept. 20	.75	2.00

Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3	Name and Description	Height in Inches	Blooming Date	Price Each	Price Per 3
Red Gold. D. (Longley.) Pictured p. 24. A lively combination of red and golden orange. Very early.....	20	Aug. 20	\$0.40	\$1.00	Sunapee. D. (U. of N. H.) A golden yellow developed by Prof. Holley. Very early.....	24	Sept. 7	\$0.40	\$1.00
Dark Red Gold. D. (Lehman.) A bud sport of Red Gold with a pleasing dark ruby color.....	20	Aug. 20	.50	1.25	Tangerine. D. (Kraus.) Flaring Spanish-orange to grenadine-red. Distinctly different.....	22	Sept. 27	.50	1.25
Red Ridgingood. D. (Youdath.) Pictured p. 10. An outstanding bright red. Petals are very frost resistant.....	26	Oct. 1	.50	1.25	Tiffany Rose. SD. (Carroll.) Pictured p. 12. A brilliant deep rose that attracts attention.....	26	Sept. 30	.60	1.50
Red Velvet. D. (Cumming.) Pictured p. 9. A surpassingly fine, full double, velvety crimson. The best of all crimsons.....	24	Oct. 2	.50	1.25	Tiger. D. (English.) Large, bright crimson on opening, changing to bronze and then yellow. All these colors found on the same plant at the same time.....	26	Sept. 28	.50	1.25
Remembrance. D. (Kraus.) New 1950! Deep ruby-carmine color that is retained for the life of the flower. In our estimation the best red to date. Very frost hardy.....	24	Sept. 27	.75	2.00	Tolcross Pink. D. (English.) Large, solid flowers of rosy pink. The best English pink by far.....	26	Oct. 12	.60	1.50
Rosita. D. (Kraus.) Pictured p. 17. Compact, light Persian-rose button pompon. Bush completely covered with pink buttons.....	26	Sept. 24	.50	1.25	Tribute. D. (Kraus.) Pictured p. 23. Large, fully double flower opening bright daphne-red and maturing to daphne-pink. Excellent as a border plant. Highly recommended.....	22	Sept. 24	.60	1.50
Ruby Spoon. D. (Lehman.) Pictured p. 16. Large, bold, firm, spoon-type flower of bright ruby-red.....	24	Sept. 27	.75	2.00	Tussore. S. (Kraus.) Exceptionally fine orchid-pink. One of our best-liked singles.	20	Sept. 30	.40	1.00
Ruthann Lehman. D. (Kraus.) New 1950! Pictured p. 2. Immense canary-yellow flower. Excellent plant and growth habit. Long stems make it a fine cut-flower variety.....	24	Sept. 12	.75	2.00	Twilight. D. (Kraus.) Pictured p. 13. A pleasing fuchsia-purple underlaid with silver. Strong grower.....	24	Oct. 5	.50	1.25
September Bronze. D. (Cumming.) Pictured p. 17. Golden bronze, cushion-type pompon. Flowers very frost resistant.....	20	Sept. 12	.40	1.00	Valiant. SD. (Kraus.) Pictured p. 12. A gaudy flower with long petals of bright rose-scarlet with a clear yellow center.....	25	Sept. 27	.50	1.25
September Cheer. D. Rich cherry-red, on compact plants.....	16	Sept. 15	.50	1.25	Violet. D. (Longley.) Pictured p. 24. The best very early purple. Full double, dahlia-like bloom with good color and substance.....	20	Aug. 26	.50	1.25
September Dawn. D. Pictured p. 8. Large, bright rose-pink. One of the best pinks on a beautiful plant.....	22	Sept. 26	.50	1.25	Vulcan. D. (English.) Large, nicely shaped flowers of brilliant crimson. The best red in the English group.....	26	Sept. 26	.50	1.25
Shalimar. D. (Kraus.) New 1950! Ball-shaped cream-white with sulphur-yellow center. Masses of flowers cover the strong, upright plant. Holds color very late.....	28	Sept. 24	.75	2.00	White Bounty. D. (Kraus.) New 1950! Small white-button pompon with sulphur-yellow center. Tall, but much-branched growth. A good, lasting cut flower.....	26	Sept. 16	.60	1.50
Shooting Star. D. (Kraus.) New 1950! Opens pinkish mallow-purple, lightening to pale rose-pink as flower matures. Maize tips help bring out the quaint quill effect of petals. A larger and improved Heather-bloom.....	22	Sept. 18	.75	2.00	White Doty. D. (Comm.) Pictured p. 18. Clear ivory-white pompon. Good companion for Pink and Yellow Dot.....	32	Nov. 1	.50	1.25
Sieglinde. S. (Styer.) Dainty coral-red single. Different from any other.....	28	Oct. 8	.40	1.00	White Knight. D. Pictured p. 10. Large, clear white flowers of fine form and substance.....	22	Sept. 15	.50	1.25
Sienna. D. (Kraus.) Pictured p. 23. Dark reddish orange toned burnt sienna-brown. A heavy-textured, long-lasting flower.....	18	Sept. 16	.50	1.25	White Tower. D. (Becker.) Pictured p. 13. Free-flowering, creamy white pompon maturing to pure white. Very tall and sturdy plant; good for cutting.....	36	Sept. 20	.60	1.50
Silver Moon. S. (Cumming.) Pictured p. 18. White, like a glorified shasta daisy.....	32	Sept. 28	.40	1.00	Winterset. D. (Peck.) Strong-growing, large snow-white. A valuable addition, as it blooms with Mrs. du Pont and Red Velvet.....	28	Oct. 2	.50	1.25
Silver Pink. D. (Longley.) Upright; Tyrian-rose with silvery cast. Early. Good for cutting.....	20	Sept. 1	.50	1.25	Wychwood. D. (Kraus.) Pictured p. 23. In our estimation one of the best yellows. Flowers of rich sparkling canary-yellow, slightly deeper at center. Perfect plant habit and excellent healthy foliage.....	22	Sept. 20	.60	1.50
Silver Sheen. D. (Comm.) Pictured p. 18. Most popular large incurved white. Disbud for 6 or 7-inch flowers.....	36	Oct. 18	.50	1.25	Yellow Avalanche. D. (Lehman.) Pictured pp. 11, 14. A brilliant soft yellow bud sport of the popular white Avalanche. Unexcelled for cutting and unsurpassed in beauty.....	22	Sept. 4	.50	1.25
Simba. D. (Kraus.) Pictured p. 14. Profuse masses of soft orange-bronze flowers. Splendid for cutting.....	22	Sept. 4	.50	1.25	Yellow Blanket. D. (Peck.) Pictured p. 7. Very free-flowering button. Clear yellow flowers, tops for cutting. Much better than Judith Anderson.....	20	Oct. 10	.50	1.25
Snowfall. D. (Kraus.) Virgin-white, slightly cream at center. Petals rolled and pointed.....	20	Sept. 28	.50	1.25	Yellow Cushion Improved. D. (Lehman.) Hundreds of fully double, bright yellow flowers on mound-like plants.....	18	Sept. 18	.40	1.00
Song of India. D. (Kraus.) Excellent large, bronze-peach flowers.....	18	Sept. 18	.50	1.25	Yellow Dot. D. (Comm.) Pictured p. 18. An excellent large yellow pompon.....	32	Oct. 25	.50	1.25
Southwind. D. (Kraus.) Masses of large Chinese-red flowers toned salmon-buff, borne on sturdy, well-branched plants.....	22	Sept. 18	.50	1.25	Yellow Spoon. S. Pictured p. 16. Very fine, bright, clear golden yellow tubes and spoons.....	22	Oct. 8	.50	1.25
Stalwart. D. (Kraus.) Pictured p. 17. Very prolific golden bronze pompon. Very frost resistant.....	24	Oct. 2	.50	1.25	Zantha. D. (Kraus.) A perpetual-blooming, clear canary-yellow with ball-shaped flowers. Outstandingly good.....	22	Sept. 6	.40	1.00
Stella App. SD. (App.) Pictured p. 8. Very prolific orange-bronze. Excellent for garden display or cutting. Extremely good in Chicago area.....	22	Oct. 5	.50	1.25					

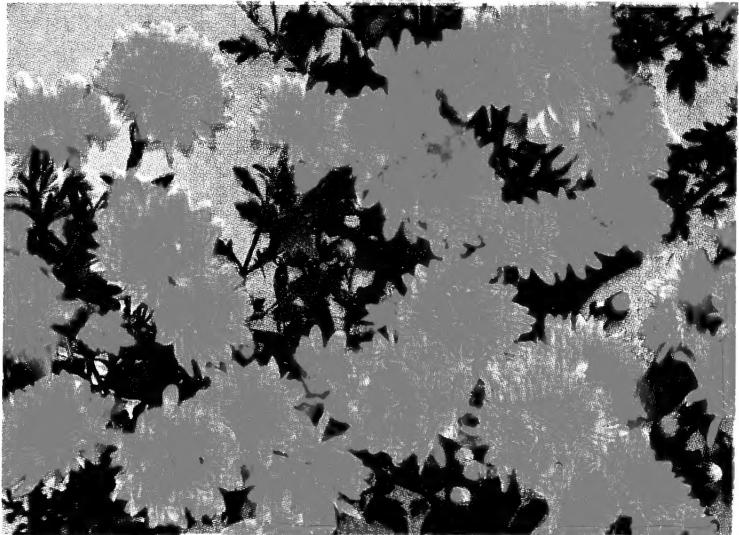


ORCHID HELEN. 75c each; 3 for \$2.00

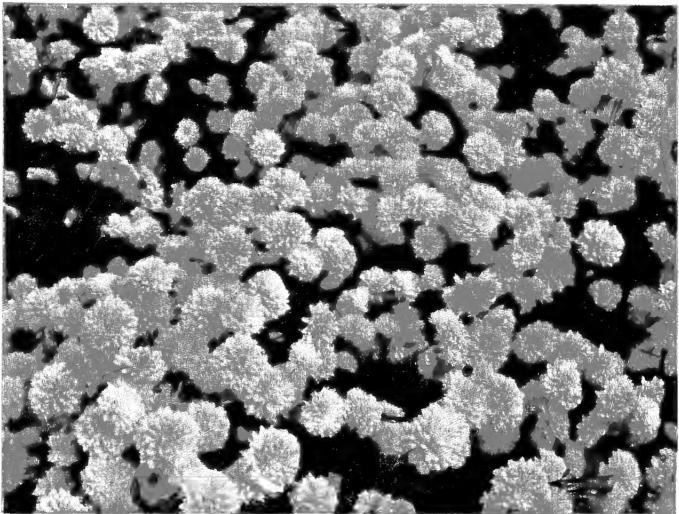
**6
Distinct
MUMS**
A fine group of distinct
early-flowering Mums.
**6 Sure-to-Bloom
Plants**
(1 of each pictured) \$2.80
18 Plants
(3 of each) \$7.75



YELLOW BLANKET. 50c each; 3 for \$1.25



APRICOT GLOW. 50c each; 3 for \$1.25



LAVENDER LASSIE. 50c each; 3 for \$1.25



EUGENE A. WANDER. 50c each; 3 for \$1.25



DAHLIAMUM. 40c each; 3 for \$1.00



BURMA. 60c each; 3 for \$1.50



SEPTEMBER DAWN. 50c each; 3 for \$1.25.



① ALLEGRO. 50c each.

② MYRTLE WALGREEN. 75c each.

③ CHARLES NYE. 50c each.

④ FIESTA. 60c each.

⑤ STELLA APP. 50c each.

⑥ ERMINE. 60c each.

⑦ BOKHARA. 50c each.

⑧ ARGONNE. 50c each.

10 Model Mums

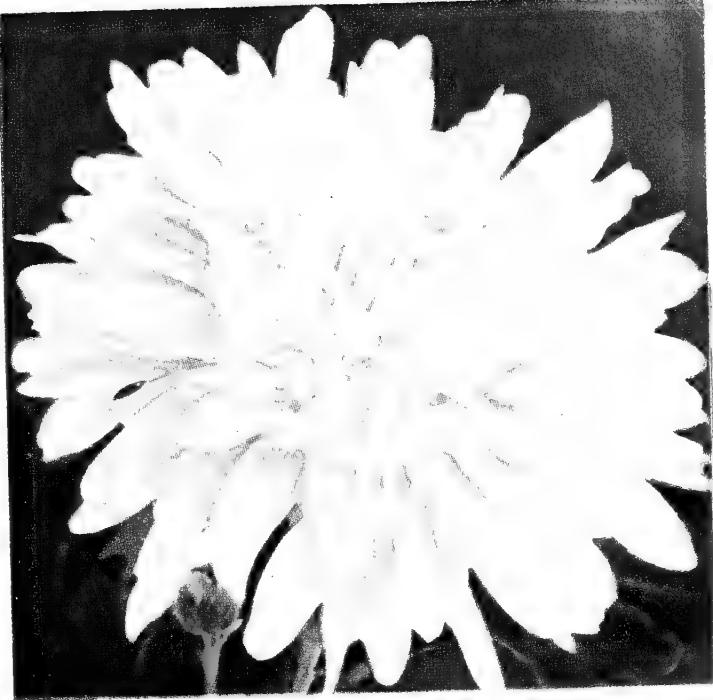
An outstanding group of 10 of our very finest varieties.

10 Sure-to-Bloom plants \$4.80
(One of each pictured)

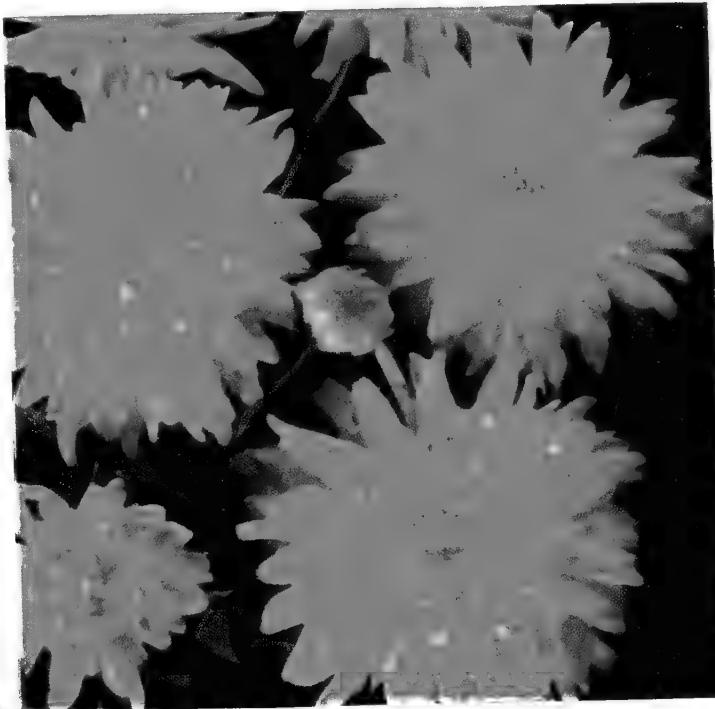
30 plants (3 of each) \$12.50



OLIVE LONGLAND. 50c each; 3 for \$1.25



AVALANCHE. 50c each; 3 for \$1.25



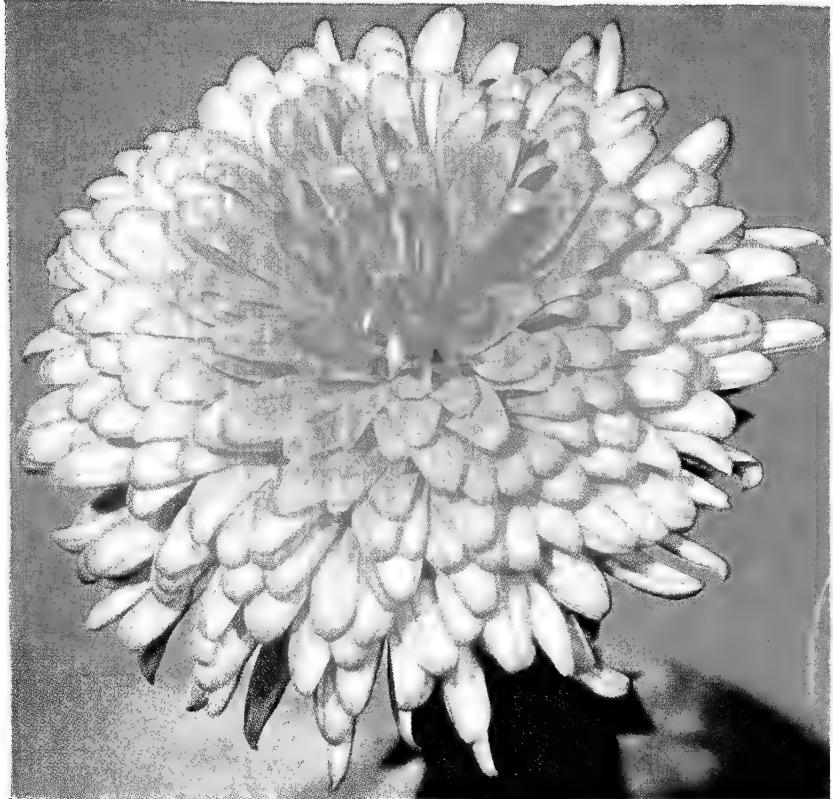
CHARLES NYE. 50c each; 3 for \$1.25



CARNIVAL. 60c each; 3 for \$1.50



RED VELVET. 50c each; 3 for \$1.25



BEACON. 60c each; 3 for \$1.50



MELLOW GLOW. 60c each; 3 for \$1.50



RED RIDINGHOOD.
50c each;
3 for \$1.25

6 **BEACON** COLLECTION

Gorgeous for cutting
and garden display.

**6 Sure-to-Bloom
Plants**

(1 of each pictured) **\$2.80**

18 Plants

(3 of each) **\$6.30**



LAVENDER LADY. 50c each; 3 for \$1.25



BURGUNDY. 40c each; 3 for \$1.00



WHITE KNIGHT. 50c each; 3 for \$1.25



CYDONIA. 50c each; 3 for \$1.25



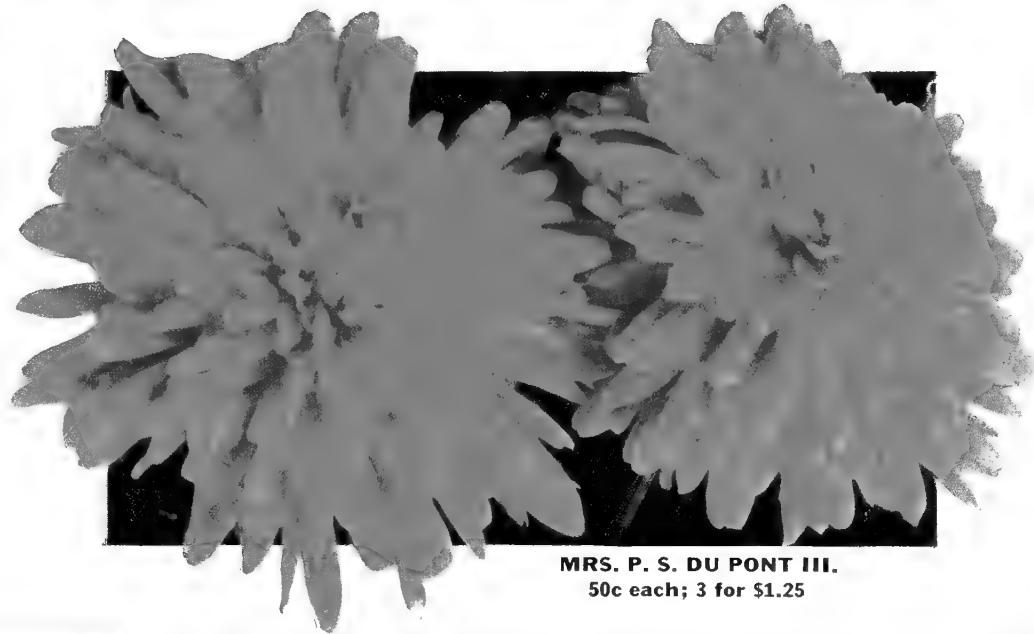
CANDLELIGHT. 50c each; 3 for \$1.25



COURAGEOUS. 50c each; 3 for \$1.25



HARBINGER. 40c each; 3 for \$1.00



MRS. P. S. DU PONT III.
50c each; 3 for \$1.25

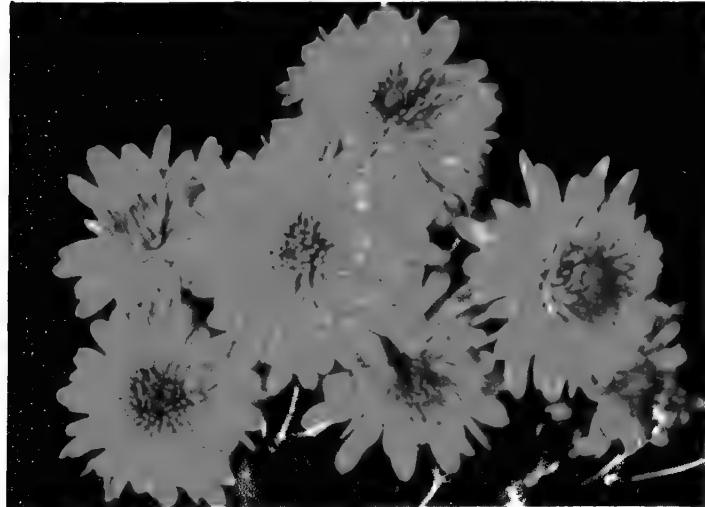
7 All-Season Collection

Some of the best early-blooming kinds and a few later ones.

7 Sure-to-Bloom Plants \$3.00

(One of each pictured)

21 plants (3 of each) \$8.50



AUTUMNSONG. 50c each; 3 for \$1.25



YELLOW AVALANCHE. 50c each; 3 for \$1.25



PRELUDE. 60c each.
VALIANT. 50c each.

DRIFTED SNOW. 50c each.
TIFFANY ROSE. 60c each
BRONZE PYRAMID. 75c each.

5 Majestic Mums

A grand group of some of the outstanding Garden Mums

5 Sure-to-bloom plants \$2.70

(1 of each pictured)

15 plants (3 of each) \$7.10

10 Grand Mums

(OUR MOST SPECIAL OFFER)

10 Sure-to-bloom plants \$4.90

(1 of each pictured on these two pages)

30 Sure-to-bloom plants \$13.00

(3 of each pictured)



WHITE TOWER. 60c each.

MEDITATION. 60c each.
MEADOWGOLD. 75c each.

TWILIGHT. 50c each.
HEARTHFIRE. 50c each.

5 Highlight Mums

A showy selection of the distinct colors of garden Mums. A credit to any garden

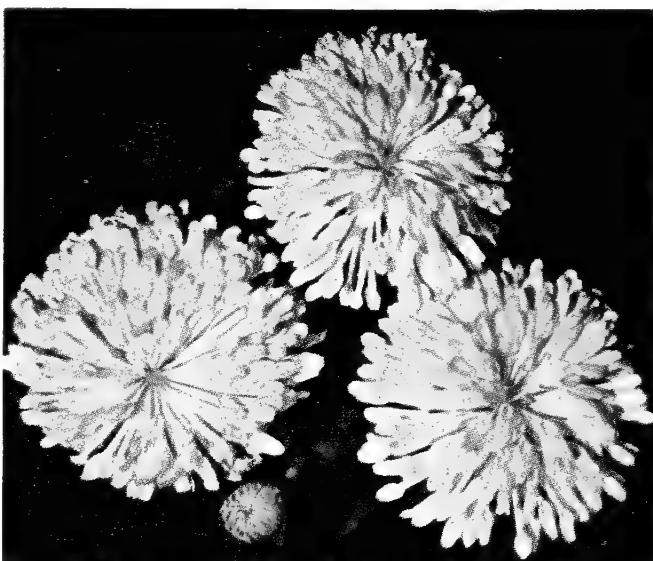
5 Sure-to-bloom plants . . . \$2.65 | 15 plants \$7.00
(1 of each pictured) **(3 of each)**



CHIPPEWA. 50c each; 3 for \$1.25



GLOWING COALS. 50c each; 3 for \$1.25



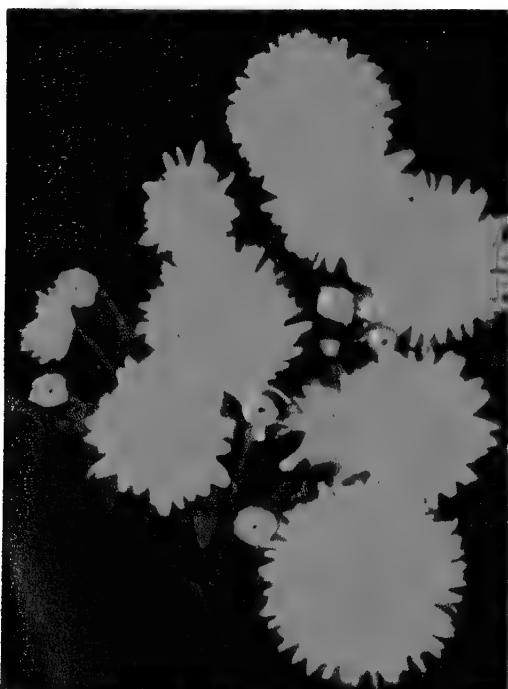
LOVELINESS SPOON. 60c each; 3 for \$1.50

5 Early September MUMS

A group usually in full bloom by mid-September

5 Sure-to-bloom plants	\$2.25
(1 of each pictured)	

15 plants (3 of each)	\$6.50
---------------------------------	--------



SIMBA. 50c each; 3 for \$1.25



YELLOW AVALANCHE. 50c each; 3 for \$1.25



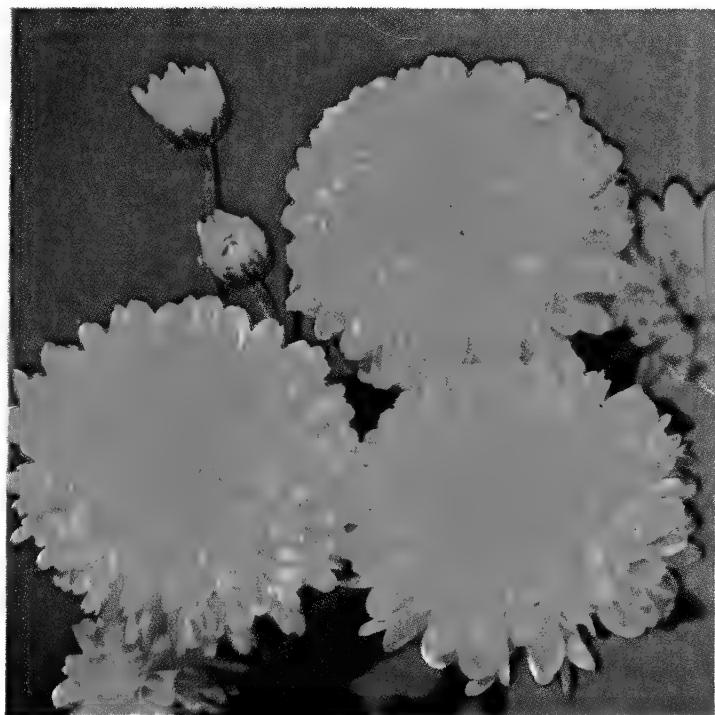
MEDITATION. 60c each; 3 for \$1.50



BETTY. 50c each; 3 for \$1.25



AVALANCHE. 50c each; 3 for \$1.25



GOLDEN HOURS. 60c each; 3 for \$1.50



DAWNROSE. 75c each; 3 for \$2.00

• Master 5 •

Each one a masterpiece in its own color class

5 Sure-to-bloom plants \$2.50 15 plants - \$7.00
(1 of each pictured)

7 Charming Spoons



CHARM SPOON. 50c each; 3 for \$1.25

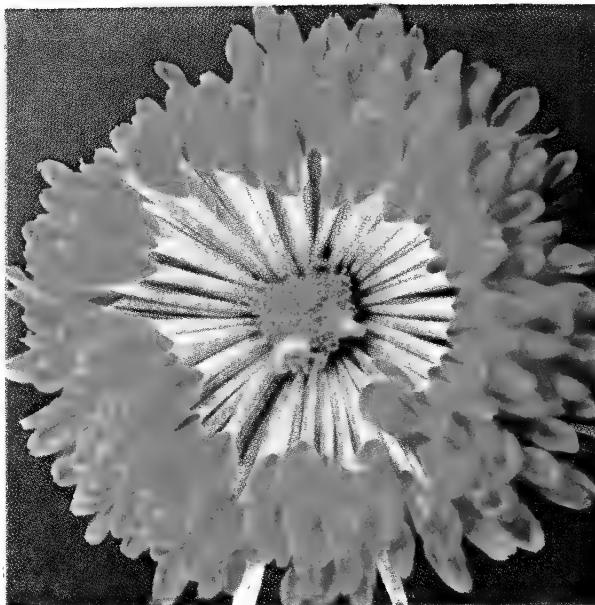
These new spoons are a definite improvement over the older kinds.

**7 Sure-to-Bloom
Plants**
(One of each pictured)

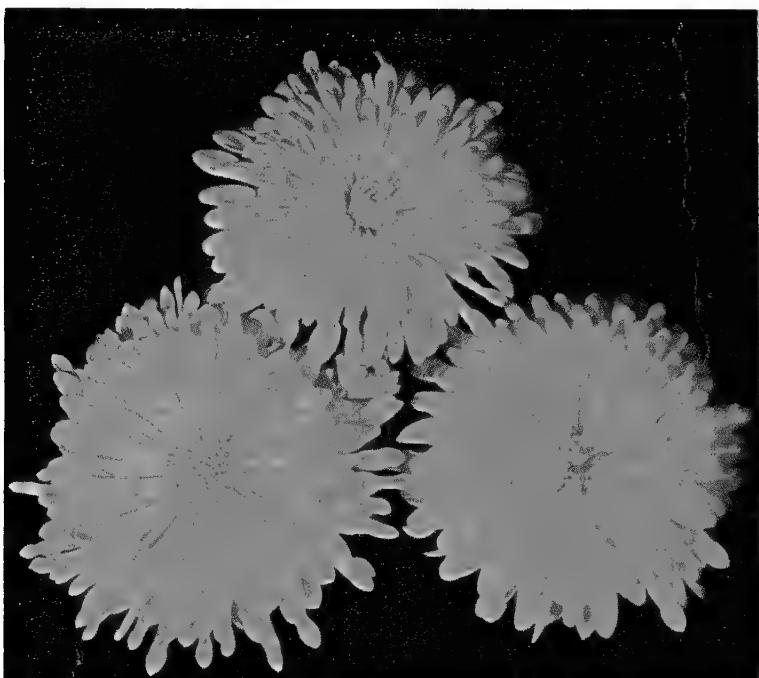
\$3.60

21 Plants (3 of each)

\$10.00



RUBY SPOON. 75c each; 3 for \$2.00

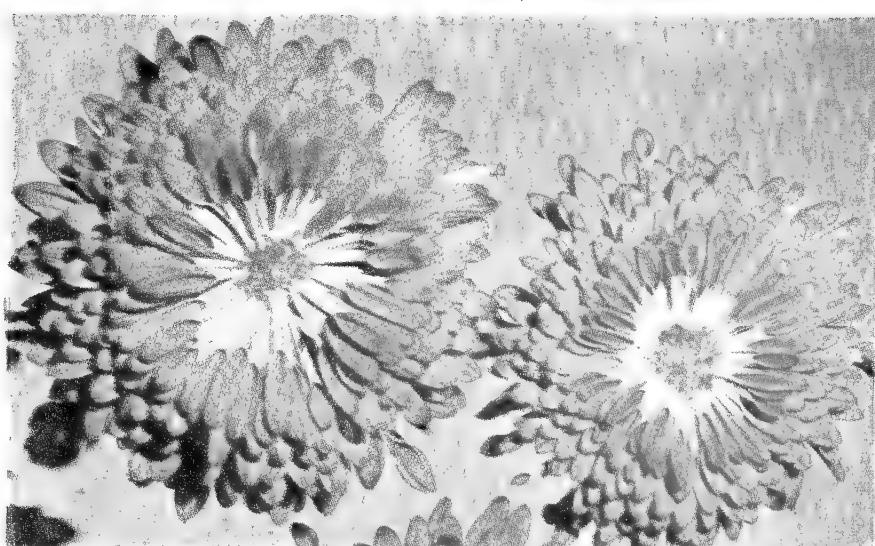


CANARY SPOON. 75c each; 3 for \$2.00



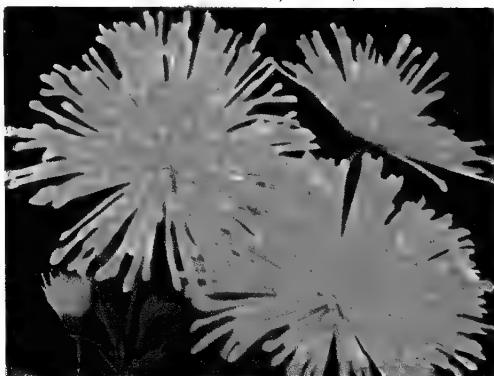
Top: CARDINAL SPOON. 60c each; 3 for \$1.50

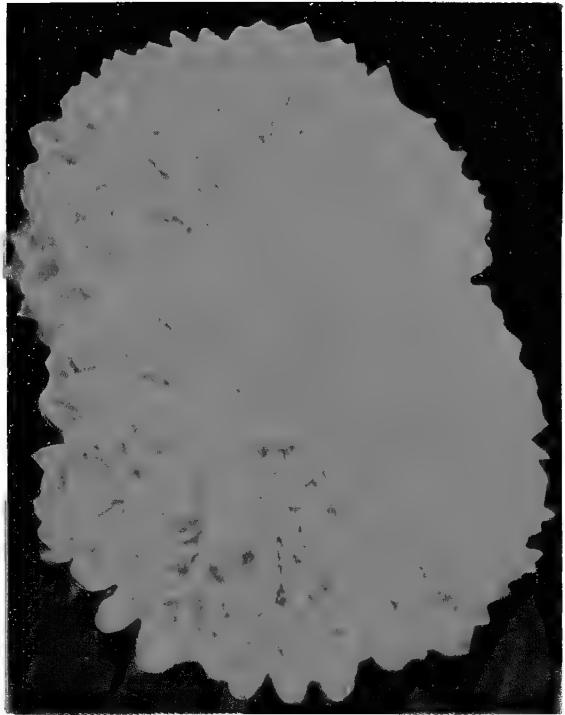
**Bottom:
IVORY
SPOON**
50c each;
3 for \$1.25



MAGENTA SPOON. 60c each; 3 for \$1.50

→
**YELLOW
SPOON**
50c each;
3 for \$1.25





SEPT. BRONZE. 40c each; 3 for \$1.00



EARLY WONDER. 50c each; 3 for \$1.25



HARBOR LIGHTS. 50c each; 3 for \$1.25

9
Perky Pompons
A fine selection of
the Pompon and Button types

**9 Sure-to-Bloom
Plants**
(1 of each pictured)

\$3.50

27 plants (3 of each)

\$10.00

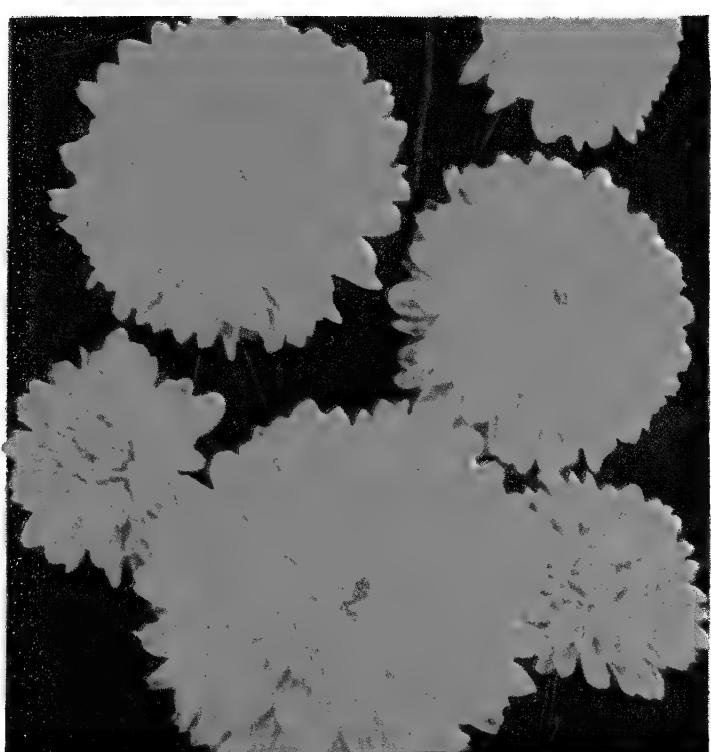
←
CHIQUITA (Yellow)
50c each; 3 for \$1.25

ROSITA (Pink)
50c each; 3 for \$1.25

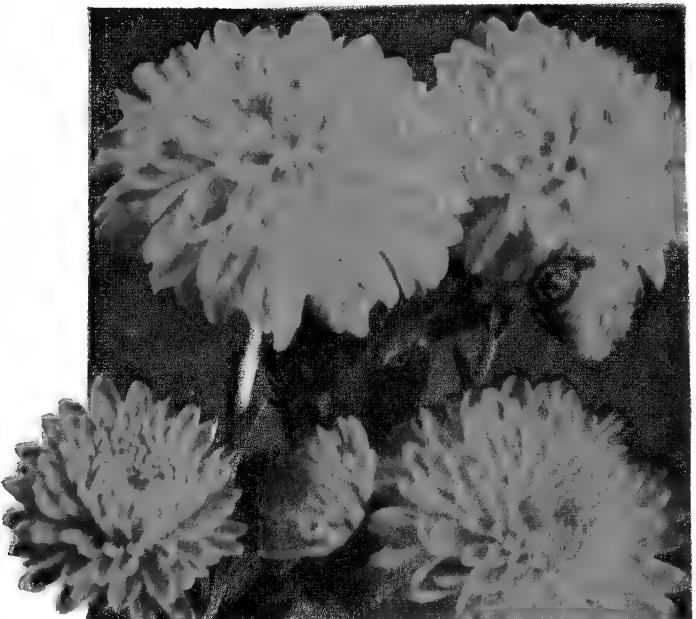
PEPITA (White)
50c each; 3 for \$1.25



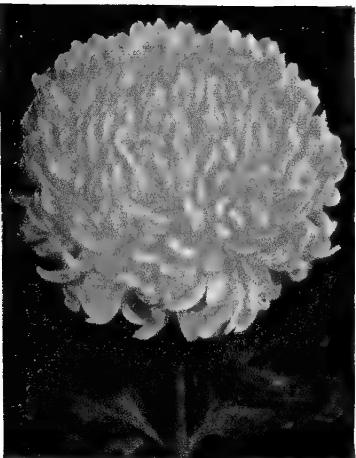
PINK RADIANCE. 50c each; 3 for \$1.25



←
STALWART.
50c each;
3 for \$1.25



MANDALAY. 50c each; 3 for \$1.25



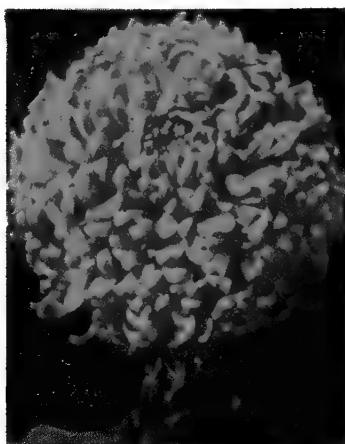
MRS. H. E. KIDDER
50c each; 3 for \$1.25



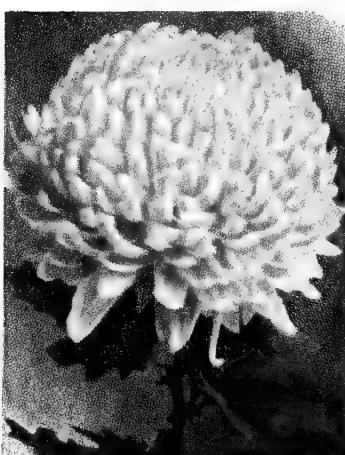
NORMA
60c each; 3 for \$1.50



SILVER SHEEN
50c each; 3 for \$1.25



HILDA H. BERGEN
50c each; 3 for \$1.25



MAJOR BOWES
50c each; 3 for \$1.25



SILVER MOON. 40c each; 3 for \$1.00



POLLYANNA
60c each;
3 for \$1.50

Grow the Big Greenhouse MUMS in Your Garden

These are not hardy in Minnesota but can be successfully wintered south of the Mason and Dixon Line and on the Pacific Coast. In the North they can be grown outside in the garden until frost time, then potted up and brought indoors. To produce those big flowers they must be disbudded, leaving from one to three flowers per plant and grown tied to a stake. Well-grown specimens are a magnificent sight at blooming time.

BARCAROLE. Splendid solid golden yellow pompon. Nov. 5. 50c each.

GOLD LODE. Earliest golden yellow. Oct. 1. 50c each.

HILDA H. BERGEN. Large, reddish bronze. Oct. 25. 50c each.

MAJOR BOWES. Large, incurved, deep lavender. Excellent sturdy grower. Oct. 20. 50c each.

MRS. H. E. KIDDER. Incurved, 7-inch flowers of bright yellow. Oct. 15. 50c each.

NORMA. Anemone-flowered; deep lavender with gold-crested center. Nov. 15. 60c each.

PINK DOT. Finest pink pompon. Oct. 25. 50c each.

SILVER SHEEN. Large, silvery white. Oct. 18. 50c each.

WHITE DOTY. Large, pure white pompon. Nov. 1. 50c each.

YELLOW DOT. Excellent yellow pompon. Oct. 25. 50c each.

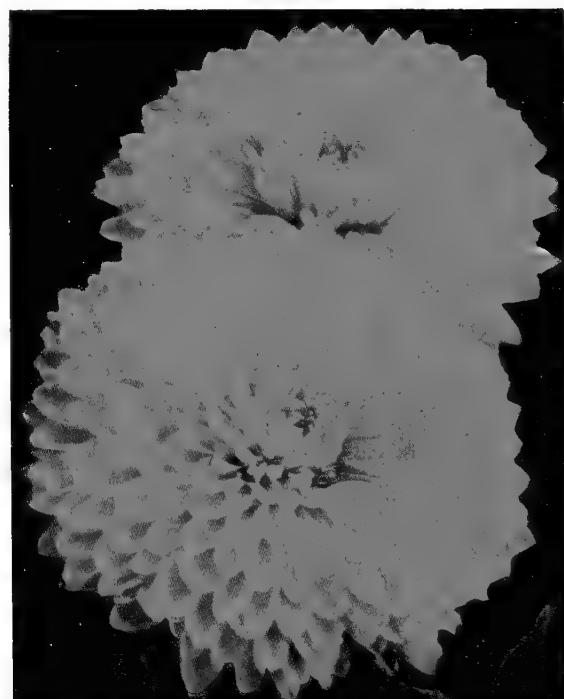
COMMERCIAL SPECIAL

10 Sure-to-Bloom Plants . . .
(1 of each listed) for **\$3.50**



Top: **PINK DOT.** 50c each; 3 for \$1.25

Bottom: **WHITE DOTY.** 50c each; 3 for \$1.25



YELLOW DOT. 50c each; 3 for \$1.25

Mum Culture and Care

OUR MUM COLLECTION

Our collection of Hardy Garden Chrysanthemums is the most up-to-date and modern in the country. We are now growing and testing over 500 distinct varieties. We have all the worthwhile new varieties produced by the best originators in the land. These include all introduced by Prof. L. E. Longley of the University of Minnesota, the Chicago Strain, those originated by the U. S. Department of Agriculture, the new English varieties imported from Canada, Bristol's newest creations, and the better things from other growers.

CULTURE

Hardy Garden Mums are among the easiest of all hardy plants to grow. They will tolerate almost endless neglect and still survive and give some bloom. To have them at their best, give them good culture, a sunny location, a rich soil, and do not let them suffer for want of moisture during the hot summer.

Mums in the garden should be planted in an open, sunny location and should not be shaded by buildings, large shrubs or trees for more than three or four hours per day. Any fairly rich soil, be it sandy, clay or loam, that will grow other flowers and vegetables well, will also grow good Mums. Peat moss, leaf mold or barnyard manure worked into the soil is an excellent conditioner and much to their liking.

PLANTING

Spring is by far the best planting season. The proper planting time is when the spring garden work is well under way and the heavy, ice-freezing frosts are past. Planting can begin about the time early tulips begin to bloom and can be continued until peonies are in bloom. Here in southern Minnesota this would be from about late April until mid-June. Farther south this date would be advanced according to the climate. This gives the plants until fall to develop a good root system and enough top to give abundant bloom. Well-started plants grown in 2½-inch pots and planted with a ball of earth around the roots are the most satisfactory. One-year-old, field-grown clumps seldom give satisfactory results, for they are hard to handle and there are usually not enough roots to support the many shoots that spring up. In replanting old clumps, always divide them into individual shoots. Those from the outside of the clump are the strongest and should be retained; discard the old stumpy center crown. Field-grown divisions packed with moss about the roots are often offered; these will usually grow but seldom give a good account of themselves.

SUMMER CARE

Good culture during the summer, with regular loosening up of the soil about the plants to maintain a constant supply of moisture, to aerate the ground, and to keep weeds from becoming established, is all that is necessary to grow good Mums. One or two applications of a well-balanced commercial fertilizer are beneficial but not absolutely necessary. Roughly, about a small handful of commercial fertilizer per plant at about one-month intervals is sufficient. The first application can be made in late July or early August. This highly concentrated fertilizer should not be used when the soil is dry, because foliage and root burn will result. Be sure that plenty of moisture is available at time of application.

WATERING

The best way to water Mums is to make a saucer-like depression about the plant, lay the hose on the ground, and let the water run slowly. The following day the soil can be loosened up and leveled again. A thorough watering like this should be sufficient for a week or ten days, even during the hottest and driest weather. Sprinkling the plants from overhead should be discouraged, for that invites foliage diseases. By keeping the foliage of Mums as dry as possible, spraying should not be necessary in order to grow a good crop of flowers.

OUR SURE-TO-BLOOM PLANTS

We believe our sure-to-bloom plants, grown from virgin cuttings, well established in 2½-inch pots and sent to you with a ball of good soil about the roots are the most practical and economical to buy. These potted plants set out as late as early July will, with good care during the heat of summer, make fine blooming plants by October. We have hundreds of letters in our files from nearly every state in the country telling us how well our plants have done in all sections. Many of these plants were shipped over 2000 miles and still did remarkably well.

PINCHING

To have sturdy and well-branched plants it is advisable to pinch the terminal shoots once or twice during the season. This operation is done with the thumb and forefinger and consists of removing about ½ inch of the soft growing tip of the main shoots. The first pinching should be done when the plants are about 6 inches tall, to induce lateral branches. When these lateral branches are 8 to 10 inches tall, their tips should be removed to induce more branches. Discontinue pinching by August 1, as the plants will soon be forming buds. The very early-blooming varieties should not be pinched after July 15. A well-pinched plant will not need staking or other support, since the growth will be strong and sturdy and will stand erect.

WINTER PROTECTION

The purpose of winter protection is probably more to keep the cold in the ground than to keep it out. A favorable location, one which does not allow ice and water to stand over the plants, is very necessary. It is the alternate thawing and freezing that does the winter damage to garden Mums. After the tops have been killed by frost, the stems should be cut off 2 to 3 inches above the crown and burned to prevent the spread of foliage disease. We have found that any light, porous material that will remain more or less dry during the winter is ideal for covering. Excelsior, evergreen boughs, marsh hay, and cornstalks are very good if applied *after the ground is slightly frozen*. Leaves applied and kept dry with a waterproof covering will also make very fine covering.

MUMS FOR YOUR WINDOW-BOX

When the first light frosts of fall have made your window-boxes unsightly by killing the tender plants in them, you can enjoy the full glory of Mums. These dreary-looking window-boxes can be transformed into a fairyland of color for two or three weeks by simply transplanting Mums from your garden into them. Select low, compact plants in full bud and bloom, dig them carefully and plant directly in the box.

BLOOMING TIME

It has been definitely proved that Chrysanthemums are sensitive to light and that the length of day determines the blooming time for a given variety. Shading a late-blooming variety with black cloth for a few hours, both morning and evening, will hasten its normal blooming time by two or three weeks. Electric lights will retard its normal blooming period.

Since Minnesota is quite far north, where naturally the fall days are shorter than farther south, a given variety will normally bloom 20 days earlier here than in Texas. We are located approximately 200 miles north of Chicago, and we know that the same variety will begin blooming for us four or five days sooner than in Chicago. From this we deduct that perhaps two days for every 100 miles of latitude is about the average difference in blooming time. Interesting, isn't it?

SPRAYING

We recommend a simple spray program in gardens that have a wide variety of plants, which naturally harbor insects and diseases. Mums, like many other plants, are subject to attack by aphids or plant lice. These are easily controlled by spraying with Nicotine Sulphate (Black-Leaf 40), which can be procured at any drug or department store.

One or two dustings during the summer with a 5 or 10 per cent DDT dust or spray will eliminate other insects that sometimes attack Mums, such as tarnished plant bug, leaf-hopper, leaf-rollers and the stalk borer. If you should have fungous trouble on the foliage, one or two sprayings with the new preparation called Fermate should keep your plants healthy.

In some parts of the East the foliar nematode has become very troublesome the past few seasons. Infected plants will lose their foliage, beginning at the bottom of the stalk, and by blooming time the entire plant may be defoliated. The dead leaves turn dark brown or black, become brittle and hang down along the stem. A half inch of tobacco dust mulch has been found effective in checking the spread of this pest.

Perhaps the best insurance against these pests and diseases is to be very critical of any newly acquired plant material. We have always prided ourselves on the health and vigor of our plants.

SEEING IS BELIEVING

Over 30,000 flower-loving people visit our fields and Mum show each year. We maintain a constant display of more than 300 varieties of the better Mums from September to November in our greenhouses and in outside beds. The overwhelming majority of these people fell in love with the following varieties—therefore, we consider them the best in our gardens. 30,000 people can't be wrong!

20 LEADERS

Avalanche

Betty

Carnival

Charles Nye

Chris Columbus

Dawnrose

Fiesta

Golden Hours

Golden Sunset

Hazelwood

Kathleen Lehman

Lorenzo

Magnificent

Meditation

Myrtle Walgreen

Olive Longland

Remembrance

Tribute

Wychwood

Yellow Avalanche

SPECIAL

20 SURE-TO-BLOOM PLANTS \$10.00
(1 each of above)

FROST RESISTANCE OF FLOWERS

In the past few years more attention has been paid to the damage done by frost to both buds and petals of different varieties. Some kinds—especially the white and lavender sorts—are damaged by the first light frosts, while others show no damage even when the temperature goes below freezing. Many varieties just keep right on blooming as though nothing had happened, while others are completely killed. We found the following varieties still in excellent condition in our fields on November 7 after four or five early freezes had spoiled most kinds:

Autumn Greetings

Betty

Carnival

Chicago

Courageous

Cydonia

Echoes

Golden Sunset

Hazelwood

Heatherbloom

Hero

Illuminator

Inspiration

Kathleen Lehman

Lilac Spoon

Maroon 'n' Gold

Myrtle Walgreen

Olive Longland

Red Gold

Sept. Bronze

Snowfall

Tussore

Twilight

Yellow Blanket

KODACHROME SLIDES

We have a beautiful set of one hundred 35 M.M. or 2-inch kodachrome slides of individual flowers of Mums, garden and field scenes, window-box plantings and other pictures of Mums in full color. These are available without cost to Garden Clubs or other reliable groups for use as programs. There is a short descriptive reading with the slides. Showing time about one hour. Projector and screen to be furnished by the organization using the pictures.

If interested in using these slides, for an interesting evening on Mums write to

E. C. LEHMAN

—The Lehman Gardens, Faribault, Minnesota.

THE ABC OF MUM CULTURE

- A — Apple-blossom time is the beginning of Mum planting time.
- B — Bonemeal is an excellent fertilizer for Mums.
- C — Cover with porous light material for winter.
- D — DDT 5% dust or spray will keep bugs off.
- E — Early varieties are not recommended for hot climates.
- F — Fall planting is not recommended in the North.
- G — Give Mums an ordinary good rich soil.
- H — Hardy Mums bloom from August to November.
- I — Ice over the crowns in winter will kill them.
- J — Join the National Chrysanthemum Society.
- K — Keep well watered during hot dry weather.
- L — Leaves are not good cover unless kept dry.
- M — Mums from Minnesota can't be beat.
- N — Nicotine sulphate (Black-Leaf 40) will kill aphids.
- O — Overhead watering is not recommended.
- P — Pinching keeps plants sturdy and low.
- Q — Quality will improve by cultivation.
- R — Remove all but a few buds to grow those large flowers.
- S — Shade will make plants grow taller and bloom much later.
- T — Transplant late varieties into pots before frost and enjoy them in the house.
- U — Use a tablespoonful of commercial fertilizer per plant to give plants a good start.
- V — Very close planting will make spindly plants. Eighteen inches apart each way is sufficient.
- W — Window-boxes are beautiful planted with Mums in fall.
- X — Plant only sure-to-bloom plants.
- Y — Young, vigorous, 2½-inch potted plants are best.
- Z — Zinc labels are permanent.

Our Fall Mum Display

Everyone is cordially invited to our annual Fall Mum Show. Last season we had over 100,000 plants in our fields and well over 1,000,000 flowers. Here you can see growing side by side more than 500 varieties of Hardy Chrysanthemums. Many of these are seedlings—the Mums of Tomorrow—in the different stages of selection. Really, it is a beautiful sight to see. Our very first varieties begin to bloom about mid-August, and by early September a great many of the earlier kinds are in full bloom. Between September 15 and 25 is usually when the fields are at their best. During this time and up to Thanksgiving we maintain a display of most all varieties in our greenhouses. This alone is well worth seeing. If you can, come and enjoy the MUMS with us.

THE MARCH OF MUMS

In order to fulfill our slogan, "The Mums of Tomorrow—Today," and to keep our collection modern and up to the minute, we try out every new kind we hear about. Many of these new developments are good; a few are superior to existing kinds. Progress is being made toward more beautiful and useful Hardy Chrysanthemums, and in order to keep in step with this development we have this year discarded the following, which have definitely been superseded by newer and better kinds:

Afterglow	Replaced by	Prelude
Aviator	Replaced by	Nokomis
Bonfire	Replaced by	Fiesta
Crimson Splendor	Replaced by	Chicago
Dubonnet	Replaced by	Pollyanna
Judith Anderson	Replaced by	Yellow Blanket
Margaret Ann	Replaced by	Lorenzo
Orchid Spoon	Replaced by	Lilac Spoon
Redwood	Replaced by	Red Elf
Symphony	Replaced by	Magnificent
Westbourne	Replaced by	Vulcan
White Wonder	Replaced by	White Tower

INTRODUCING THE 1950 MODELS OF THE *Grand Champions* "THE MUMS OF TOMORROW—TODAY"

It is with great pleasure that we introduce to American gardens these new Hardy Chrysanthemums. Over a period of fifteen years, a half million Chrysanthemum seedlings have been grown in quest of new varieties that will please you and that will replace now-existing named varieties. These 1950 introductions have definitely proved themselves to be some of the best. Try them; we know you will like them.

CECELIA (Kraus 33)

Peony-purple; 2 inches in diameter, fully double when young, with small golden center when fully expanded. Petals flat, slightly in-curved; recurved in old blooms. Flowers in open clusters of 3 to 7; firm individual stems 4 to 5 inches long, at the end of 12-inch branches. Abundant, dark olive-green foliage. Bush much branched, with upright spreading branches forming an 18-inch-high mound completely covered with flowers. Outstanding for medium-height border. First week in September to mid-October. 75c each.

FAIRBOW (Kraus 307)

This Mum is named for our town, Faribault, which is pronounced Fairbow. Light lavender-pink; double, 1½ inches in diameter. Petals flat, overlapping, forming a compact flat button pompon. Reverse of petals nearly white, maize when young, giving the petals of the young flower a maize-tipped appearance. Individual flower stems are slender, 4 to 6 inches long. Flowers in full clusters of 5 to 7 at ends of 1-foot branches. Bush very compact, much branched, upright, not broken by rains, resulting in a wealth of small flowers nearly obscuring the gray-green foliage, over a very long season. Excellent for cutting. First week in August through mid-October. 75c each.

GLADNESS (Kraus 1092)

Clear China-rose; fully double, firm and compact, 2-inch flowers, slightly dome shaped. Very good substance. A 16 to 18-inch, much-branched plant, early and free flowering. An excellent low border type. Winter hardy. Last week in August to late September. 60c each.

KATHLEEN LEHMAN (Kraus 636)

Bright bronze-gold, deepening to red-gold at center; double, compact, 3-inch flower. Petals flat, overlapping, slightly recurved at tips, giving a soft somewhat fluffy effect, though the flower is firm and glows brightly in the sun. Individual flower stems firm, 8 to 10 inches long; flowers borne in open branching clusters of 6 to 8 at the end of 18-inch branches. Foliage abundant, dark green. Bush 2½ feet tall, upright, compact, very strong, not brittle. Very free flowering; superb for cutting. First week in September through mid-October. 75c each.

LORENZO (Kraus 672)

Rich dark Dianthus-purple; 3½-inch flower with firm quilled petals giving it a cactus dahlia appearance. Reverse of petals silvery lilac; general effect rich flaming purple. When very old a few of the flowers have a tiny yellow center. Individual flower stems 8 to 10 inches long. The flowers have the appearance of being borne singly, but are in open sprays of 3 to 7 at the ends of 2-foot branches. Foliage abundant, dark green. Bush large, firm, upright, extremely free flowering. Both flower and bush outstanding and striking. Mid-September through October. 75c each.

PATRICIA LEHMAN (Kraus 627)

Bright geranium-pink with peach-colored center; fully double, 3 inches in diameter. Petals broad, overlapping, recurved and twisting, giving a light fluffy feathery effect; reverse of petals pink to maize. Individual flower stems 5 to 7 inches long, unusually firm. Flowers borne in open clusters of 5 to 9, at the end of 10-inch branches. Foliage abundant, gray-green; bush 2 feet tall, compact, tending to remain low and somewhat spreading. First week in September to mid-October. 75c each.

Special Offer of 1950 Grand Champions

12 SURE-TO-BLOOM PLANTS \$8.00
(1 of each)

"THE MUMS OF TOMORROW—TODAY"

REDGLOW (Kraus 464)

Dark glowing red; 2 inches in diameter, fully double but with slight open center when very old. Petals flat, backs bronze-yellow, overlapping, forming a compact firm flower that glows in the sun. Individual flower stems 6 to 8 inches long, often bearing smaller lateral blooms. Flowers in open clusters of 8 to 10 at the ends of 18-inch branches. Foliage abundant, dark olive-green. Bush 2½ to 3 feet tall, upright, slightly spreading. A very free-flowering plant. Good for cutting or prominent specimen plant. First of September or third week in October. 75c each.

REMEMBRANCE (Kraus 351)

Deep carmine; fully double, firm and compact, 2-inch flower, slightly dome shaped. Petals medium wide, flat, slightly recurved, overlapping; reverse of petals is bronze-red, giving the center of the flower a bronze appearance when young. Retains deep rich red color even when old; frost resistant. Individual flower stems stiff; flowers in open clusters of 4 to 6 at the ends of 12-inch branches. Foliage abundant, dark olive-green; bush 2½ feet tall, compact, firm, upright spreading. General effect dark rich red, which glows in the sun and does not fade to bronze. September through mid-October. 75c each.

RUTHANN LEHMAN (Kraus 357)

Rich canary-yellow; fully double, with slight greenish cast in center of flowers when new. Texture is heavy, long lasting. Firm individual flower stems 8 to 10 inches long, terminated with large, 3 to 3½-inch flowers. Foliage abundant, dark green. Well-branched, sturdy plant. Early September to mid-October. 75c each.

SHALIMAR (Kraus 483)

Cream-white with sulphur-yellow center; fully double, compact, slightly domed, 3-inch flowers. Petals broad, overlapping, slightly recurved. Individual flower stems very strong, firm, 8 to 10 inches long, sometimes branched near tips. The entire cluster of 5 to 7 large flowers is borne on 1½-foot stems; shows purple tinge only when very old. Foliage dark green, abundant. Bush 2½ feet tall, compact, firmly upright and covered with masses of flowers. Excellent as specimen plants or for cutting. Last week in August to mid-October. 75c each.

SHOOTING STAR (Kraus 343)

Pinkish mallow-purple, fully double, compact, 2½-inch flowers, lightening to pale rose-pink as they mature. Petals narrow, rolled backward, pointed, maize color at tips, giving a quaintly quilled effect. Each flower is borne on a 4 to 5-inch stem; flowers in clusters of 8 to 10 at the end of 15-inch branches. Foliage olive-green, abundant. Bush compact, upright spreading, 18 to 24 inches tall. Resembles Heatherbloom but the flowers are larger, clearer pink, and even more freely produced. September to mid-October. 75c each.

WHITE BOUNTY (Kraus 257)

White with sulphur center; nearly double, with small open yellow center when fully developed, 1 inch in diameter. Petals short, overlapping, slightly quilled, forming small compact pompon. Individual flower stems slender, firm; flowers in clusters of 6 to 8 on branches 18 inches long. Foliage ample, dark olive-green. Bush 2½ feet tall. Good for cutting over a long season. First week in August to mid-October. 60c each.



Surprise Collection

If you do not care about the names of your Mums, but just want to grow them for a gorgeous display in the fall or for cutting bouquets for the house, then you can save money by ordering this special Surprise Collection. It includes every color and type shown in this catalog. All are first-quality, *sure-to-bloom* plants, but come to you unlabeled as to name. See for how little money you can have a big Mum garden.

**5 for \$1.25; 10 for \$2.20;
25 for \$5.25; 100 for \$20.00**

Van Dyke, Mich.

Last spring I sent for your Surprise Collection of Mums and this fall it has been a truly surprising Garden of Beautiful Mums.

The plants, all sturdy and blooming, are really the envy of all my neighbors. Next spring I want to have at least 50 more because I've never been so pleased with any as I have with those from your firm.—Mrs. E. T. C.

Let Us Make Your Selection

If you prefer to have personal, professional help in selecting the varieties for your particular needs, let us make your selection. Send us the amount you wish to spend for HARDY MUMS, tell us what color and types you prefer—whether for cutting or garden display, whether early, late, or midseason varieties—and we will select the best in our large collection of over 200 varieties. You will be thrilled by the fine plants you receive. All will be labeled and **sure to bloom.**

What Other People Say . . .

The thing about our business that we cherish most is the good-will of our thousands of friends and customers. These spontaneous expressions of appreciation fill us with a renewed desire to improve upon our methods and to strive to produce even better plants and flowers that will give greater pleasure to your gardening.

The "Golden Rule" has been the guiding motive in the establishment and management of this business. It is your confidence and patronage that has made possible this modern plant, devoted to producing sure-to-bloom Hardy Chrysanthemums.

We wish to take this opportunity to thank you, our friends, for your kind words of appreciation.

Sincerely yours,

E. C. LEHMAN

Meansville, Ga.

The Mum plants arrived in top shape, and I must say they were really nicer than I expected. They are all living and growing fine. I shall be glad to recommend your plants to any one who wants the best—Mr. E. L. P.

Hartford, Conn.

Received my order late Wednesday. The plants were the best that I have ever received in the past five years. The packing was perfect and they carried fine. I know where my future Mums are coming from. Will recommend you to my friends most surely. Again thanking you greatly for this service.—Mr. W. H. W.

Coeur d' Alene, Idaho

Received my mums just three days after you shipped them. I was amazed at the wonderful condition they were in. I planted them immediately and they never even wilted. I say your plants couldn't have been received in better condition.—Mr. R. V. L.

Bingham, Utah

Just a line to tell you my Mums arrived in A-1 condition and never in my life have I received such wonderful plants. They were put in the garden the minute they arrived and look like they had been there all their lives. I was never so thrilled about plants in my life and next spring my plants will all be ordered from you.—H. S.

Tacoma, Wash.

I had hesitated to order from a firm so far away but am so well pleased that I'll send another order in a day or two.—Mrs. C. E. G.

Jamaica, N. Y.

We were most amazed at the plants we received last Saturday. They were beautifully packed and arrived very fresh although 5 days enroute. No noticeable set back was experienced when we planted them. Already two neighbors have ordered from you—so we will have to hurry to keep ahead of them.—Mr. K. W.

Nashua, N. H.

My recent order from you arrived yesterday morning in excellent condition. Thank you for your very prompt service. Each plant was as green, nice and fresh looking as though they had just been dug up. I will not lose an opportunity to recommend most highly both your products and service. Thanking you for the services rendered.—Miss L. E. H.

Duryea, Pa.

Received my chrysanthemums today. They arrived in better condition than others that were sent from one-tenth the distance. Thanking you for your excellent service.—Mr. S. O.

Clinton, Iowa

My order came through promptly and in perfect condition. Your successful manner of packing the plants has become a fine art. One would not know they had been transplanted, they are so fresh and strong. Thank you sincerely for your prompt and careful attention to my order.—Mrs. O. H. H.

Clotster, N. J.

I am writing to say that my Chrysanthemum order arrived in perfect condition remarkable for such a long distance. The plants were fresher than those in an order received from a very short distance away just a day before.—Mrs. W. F. V.

Spokane, Wash.

The plants were in perfect condition and are the nicest plants I have ever received from any Nursery.

Lansing, Mich.

I am writing to thank you for the lovely Chrysanthemums I received of you a short time ago. They were the nicest plants I have ever received from any place to which I have sent. They were not even wilted the least bit and looked as though they had just been packaged that day.—Mrs. H. E. J.

Topeka, Kansas

I have meant to write you sooner, to tell you how delighted I was with the Chrysanthemum plants which I ordered. They were beautifully packed and came thru the mails in excellent shape and so were able to grow into sturdy healthy plants. This fall when in bloom they were a gorgeous sight. Your company has been highly recommended to my flower loving friends.—A. K. L.

Pawnee City, Nebr.

The Mums came this morning in their usual excellent condition. I couldn't have been more pleased with your choice. I'm getting quite a nice collection of Mums, now, but seem to find new ones I want to add each time your catalog arrives.—Mrs. A. R. M.

Toledo, Ohio.

I am somewhat tardy to acknowledge the receipt of my order of Chrysanthemums which did arrive in the usual manner of Lehman Gardens Chrysanthemums—that is—excellent stock, excellently packed and in splendid condition when received. I thought you might be interested in the results of an order from just an ordinary small back yard gardener who appreciated the stock sent him in such splendid condition. This is my orchid to Lehmanns.—Mr. R. E. V.

Little Rock, Arkansas

The Chrysanthemum plants reached me in excellent condition. Not one plant was even wilted. They have been planted for some time and all are flourishing.—Mr. H. W. M.

Green Bay, Wis.

I have been buying Mums from your company for several years and must compliment you for the splendid method you use in sending plants. All plants arrived in excellent condition, and I am well pleased with both the plants and the service.—Mr. C. A. R.

Live Oak, Calif.

Would like to tell you how pleased I am over the Chrysanthemums that I received yesterday. Such sturdy stock and as fresh as if you had just handed them to me.—Mrs. G. C.

Harrisonville, Mo.

I was so late in sending for my mums. I didn't expect to get such choice plants. They arrived this morning in perfect condition. Many thanks and appreciation for the fine quality of the plants.—Mrs. A. M. W.

Frankfort, Ky.

The Mums were received yesterday in such good condition that not a leaf was wilted. They were planted this forenoon and seem to be enjoying our warm sun. I wish that other concern could have been present when I opened your box, perhaps they would have learned something.—K. K. K.



WYCHWOOD. 60c each; 3 for \$1.50



SIENNA. 50c each; 3 for \$1.25



AUTUMN GREETINGS. 50c each; 3 for \$1.25



TRIBUTE. 60c each; 3 for \$1.50



INSPIRATION. 60c each; 3 for \$1.50

5 Favorite MUMS

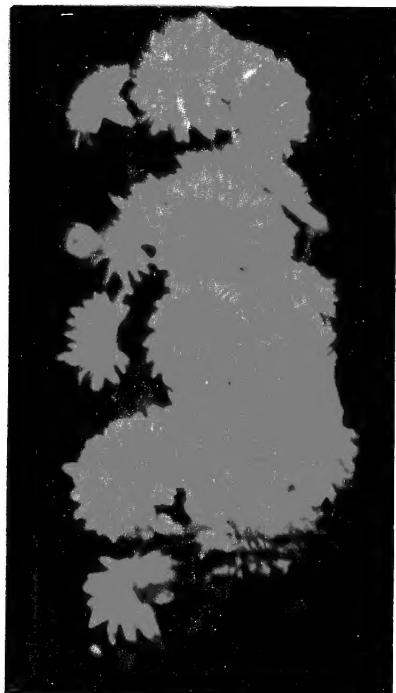
A very free-flowering group recommended for cutting and garden display.
All are early-flowering.

5 Sure-to-Bloom Plants	\$2.40
(1 of each pictured)	
15 plants (3 of each)	\$6.50

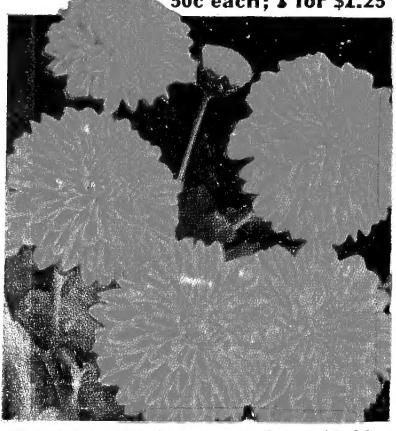
MAROON 'N' GOLD.
50c each; 3 for \$1.25



HEATHERBLOOM. 40c each; 3 for \$1.00



EARLY HARVEST
50c each; 3 for \$1.25



RED GOLD. 40c each; 3 for \$1.00

7 Earliest - Blooming Mums

Our best group of very early-flowering Mums recommended for Minnesota and other northern regions

7 Sure-to-Bloom Plants . . . \$3.00
(1 of each pictured)

21 plants (3 of each) \$8.00



GLACIER. 50c each; 3 for \$1.25



VIOLET. 50c each; 3 for \$1.25



GOLDEN HOURS. 60c each; 3 for \$1.50

THE LEHMAN GARDENS

FARIBAULT, MINNESOTA